

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An infrasound absorbing structure comprising:  
  
a porous layer facing an infrasound source; and  
  
a back wall disposed opposite to the porous layer so as to define a back air layer of a thickness between 2 and 10 m between the porous layer and the back wall.
2. (Original) The infrasound absorbing structure according to claim 1, wherein the porous layer has a surface density in the range of 0.5 to 10 kg/m<sup>2</sup>.
3. (Currently Amended) The infrasound absorbing structure according to claim 1 ~~or 2~~, wherein the porous layer is formed of glass wool, rock wool, polyurethane foam or felt.
4. (Currently Amended) The infrasound absorbing structure according to claim 1 ~~or 2~~ further comprising an additional porous layer disposed in a middle part of the back air layer with respect to thickness.
5. (Original) A building capable of controlling infrasonic noises and having a characteristic length that contributes to resonance and an ability to generate infrasonic noises, said building comprising:  
  
a porous layer facing an infrasound source; and  
  
a back wall disposed opposite to the porous layer so as to define a back air layer of a thickness between 2 and 10 m between the porous layer and the back wall.

6. (Original) The building according to claim 5, wherein the porous layer has a surface density in the range of 0.5 to 10 kg/m<sup>2</sup>.
7. (Currently Amended) The building according to claim 5 ~~or 6~~ designed for testing a jet engine therein.
8. (New) The infrasound absorbing structure according to claim 2, wherein the porous layer is formed of glass wool, rock wool, polyurethane foam or felt.
9. (New) The infrasound absorbing structure according to claim 2 further comprising an additional porous layer disposed in a middle part of the back air layer with respect to thickness.
10. (New) The building according to claim 6 designed for testing a jet engine therein.